



Functional Independence Mathematics

Official Released Items

Grade 6

**Fall 2007
Official Released Items**

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The Grade 6 Functional Independence Mathematics Assessment was administered for the first time in Fall 2005. Beginning with this administration, the Office of Educational Assessment and Accountability (OEAA) will annually release a portion of the items that are administered on the assessment. This booklet contains released items from the Fall 2007 administration and is intended to be used by districts to assist in their interpretation of item analysis data. The information contained in this booklet may also be used by schools, teachers, and parents as a resource for understanding the content and format of the assessment items. In addition to MI-Access training materials and Extended Grade Level Content Expectations (EGLCE), the released items may also have utility in informing decisions related to instruction, curriculum, and assessment. These items are **not** secure and may be copied and distributed as needed.

The table below lists the number of core and released items administered on the Fall 2007 Grade 6 assessment booklet. Core items are those that count toward students' scores. All released items in this booklet were selected from the pool of core items that appeared on the assessment.

Functional Independence Mathematics Grade 6

Mathematics Strand	Number of Core Items
Numbers and Operations	18
Measurement	12
Geometry	2
Data and Probability	3
Total Core Items/Points	35
Released Items	10 (Numbers vary by strand and topic.)

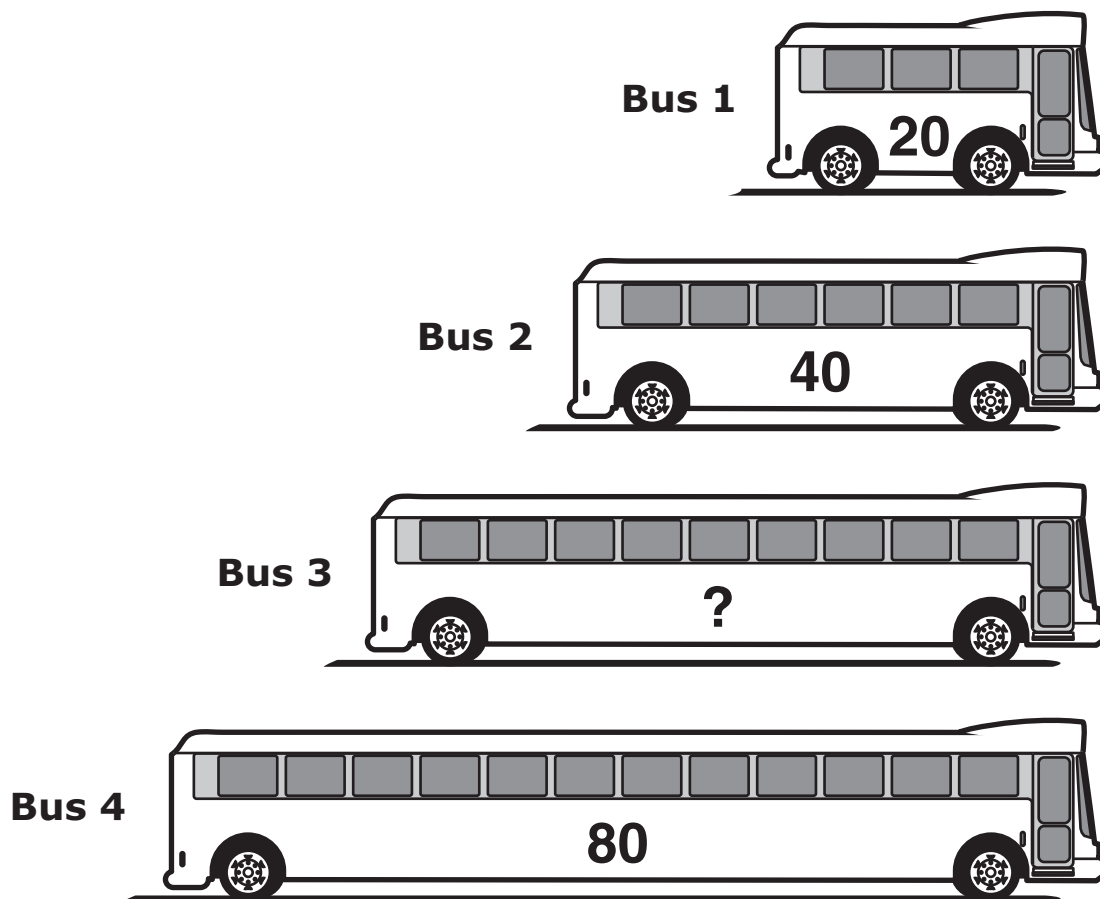
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DIRECTIONS: Read each question. Choose the **BEST** answer for each question.

R1 The picture below shows buses with the number of people they can hold.

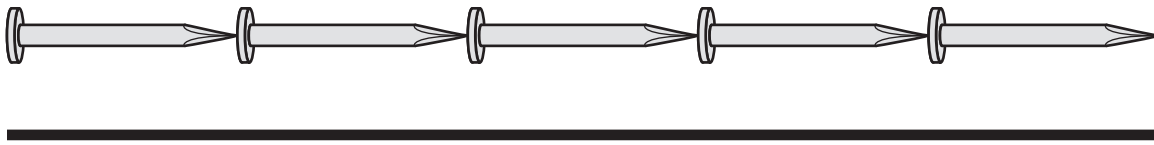
The numbers on the buses follow a pattern.



What should the number on Bus 3 read?

- A** 60
- B** 50
- C** 41

Use the picture below and the ruler to answer question **R2**.



R2 What is the length of all 5 nails to the **nearest** inch?

- A** 6 inches
- B** 5 inches
- C** 2 inches

R3 How many sides does a triangle have?

- A** 3
- B** 4
- C** 6

Use the bill below to answer question **R4**.



R4 Which set of coins has the **same** value as the bill shown above?

A



B












C



Use the chart below to answer question **R5**.

Goals Scored

Ali	  
Blake	
Jane	    

R5 How many goals did Ali, Blake, and Jane score **altogether**?

- A** 5
- B** 8
- C** 9



R6 Which of the following is **equal** to 48?

A $49 - 1$







B $53 - 4$

C $61 - 14$

Use the key below to answer question **R7**.

Key	
	shows 10
	shows 1

R7 Which set of blocks on the following page gives an **equal** answer?

	
	
+	
	 

A

--	--	--	--	--	--	--	--	--	--

+

B

--	--	--	--	--	--	--	--	--	--	--	--

+

--	--	--	--	--	--	--	--	--	--	--

C

--	--	--	--	--	--	--	--	--	--	--	--

+

R8 Jay saw 357 blue trucks last week.

Jay saw 0 blue trucks this week.

How many blue trucks did he see **altogether**?

A 357

B 367

C 407

R9 Julie picked 20 tomatoes from her garden.

She used 9 tomatoes to make sauce.

How many tomatoes were **left**?

A 29

B 20

C 11

R10 Kim has 15 keys.

Lil has 4 keys.

About how many keys do they have **altogether**?

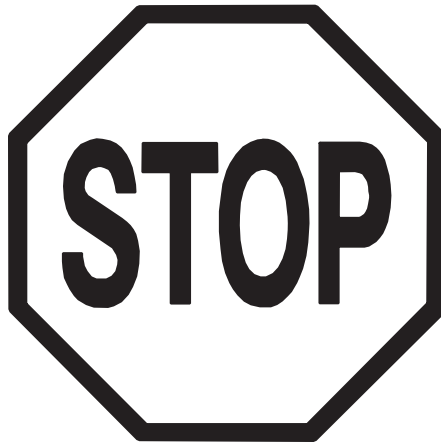
A 25

B 20

C 10



Do Not Continue.



Do not continue until instructed to do so.

Below is a list of the Extended Grade Level Content Expectations (EGLCE) for each released item found in this booklet. The chart contains the EGLCE code, a brief description of what is measured, and the correct answer for each released item.

Because the assessment was administered during the **fall** of the school year, only content from the *previous* grade level was measured on the assessment. For example, items eligible for the Grade 6 assessment will measure the Grade 5 EGLCE.

Full descriptions of the EGLCE contained in the chart below are available for review and download at **www.mi.gov/mi-access**.

Released Item	EGLCE Code	STRAND or Abbreviated Extended GLCE Descriptor	Answer Key
		DATA AND PROBABILITY	
R5	D.RE.05.EG01	Read data	C
		GEOMETRY	
R3	G.GS.05.EG01	Identify, describe, and compare two-dimensional shapes	A
		MEASUREMENT	
R2	M.UN.05.EG05	Measures length to the nearest inch	A
R4	M.UN.05.EG10	Recognize equivalent sets of coins and bills	A
		NUMBERS AND OPERATIONS	
R1	N.MR.05.EG09	Create, describe, and extend simple number patterns	A
R6	N.ME.05.EG02	Recognize representations for whole numbers to 10,000	A
R7	N.ME.05.EG03	Represent whole numbers to 10,000	C
R8	N.FL.05.EG11	Use addition properties of 0	A
R9	N.FL.05.EG12	Add and subtract two numbers with 1 or 2 digits	C
R10	N.FL.05.EG14	Apply estimation in solving problems	B



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